SEQUENCE LISTING

<110> VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL

<120> NUCLEIC ACID BINDING OF MULTI-ZINC FINGER TRANSCRIPTION FACTORS

<130> JAR/SIP/V042

<140> PCT/EP00/05582
<141> 2000-06-09

<150> 99202068.5
<151> 1999-06-25

<160> 50

<170> PatentIn Ver. 2.1

<210> 1
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: part of bait
      for screening

<220>
<221> misc_feature
<222> (6)
<223> n is a spacer sequence of at least 8 base pairs

<400> 1
cacctncacc t                                                    11

<210> 2
<211> 11
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<213> Artificial Sequence

<220>

54

<223> Description of Artificial Sequence: part of bait

      for screening


<220>

<221> misc_feature

<222> (6)

<223> n is a spacer sequence of at least 8 base pairs


<400> 2

cacctnaggt g                                                    11


<210> 3

<211> 11

<212> DNA

<213> Artificial Sequence


<220>

<223> Description of Artificial Sequence: part of bait for screening


<220>

<221> misc_feature

<222> (6)

<223> n is a spacer sequence of at least 8 base pairs


<400> 3

aggtgncacc t                                                    11


<210> 4

<211> 11

<212> DNA

<213> Artificial Sequence


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<223> Description of Artificial Sequence: part of bait

      for screening


<220>

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<222> (6)

<223> n is a spacer sequence of at least 8 base pairs

<400> 4

aggtgnaggt g                                                           11


<210> 5

<211> 12

<212> DNA

<213> Artificial Sequence


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<223> Description of Artificial Sequence: bipartite element


<220>

<221> misc_feature

<222> (6)

<223> n is a spacer sequence of at least 8 base pairs


<400> 5

cacctncacc tg                                                          12


<210> 6

<211> 25

<212> DNA

<213> Artificial Sequence


<220>

<223> Description of Artificial Sequence: complex

      consensus sequence


<220>

<221> misc_feature

<222> (16)

<223> n is a spacer sequence of at the most 28 base pairs


<400> 6

gacaagataa gataanctca tcttc                                            25


<210> 7

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer SIP1\NZF3Mut

<400> 7

ccacctgaaa gaatccctga gaattcacag                                    30


<210> 8
<211> 30
<212> DNA
<213> Artificial Sequence


<220>

<223> Description of Artificial Sequence: primer SIP1
      NZF4Mut          .


<400> 8

gggtcctaca gttcatctat cagcagcaag                                    30


<210> 9
<211> 30
<212> DNA
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<223> Description of Artificial Sequence: primer SIP1 CZF2Mut


<400> 9

caccacctta tcgagtcctc gaggctgcac                                    30


<210> 10
<211> 30
<212> DNA
<213> Artificial Sequence


<220>

<223> Description of Artificial Sequence: primer SIP1
      CZF3Mut


<400> 10

tcctactcgc agtccatgaa tcacaggtac                                    30

<210> 11
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-WT

<400> 11
atccaggcca cctaaaatat agaatgataa agtgaccagg tgtcagttct          50

<210> 12
<211> 50
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: probe Xbra-D

<400> 12
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<210> 13
<211> 23
<212> DNA
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<223> Description of Artificial Sequence: probe Xbra-E

<400> 13
taaagtgacc aggtgtcagt tct          23

<210> 14
<211> 27
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<223> Description of Artificial Sequence: probe Xbra-F

58

<400> 14

atccaggcca cctaaaatat agaatga                                                27


<210> 15

<211> 50

<212> DNA

<213> Artificial Sequence


<220>

<223> Description of Artificial Sequence: Rdm + Xbra-E


<400> 15

caatttagag tactgtgtac ttgggagtaa agtgaccagg tgtcagttct                       50


<210> 16

<211> 53

<212> DNA

<213> Artificial Sequence


<220>

<223> Description of Artificial Sequence: probe Xbra-F + AREB6


<400> 16

atccaggcca cctaaaatat agaatgaggc tcagacaggt gtagaattcg gcg                   53


<210> 17

<211> 53

<212> DNA

<213> Artificial Sequence


<220>

<223> Description of Artificial Sequence: probe Rdm + AREB6


<400> 17

caatttagag tactgtgtac ttgggagggc tcagacaggt gtagaattcg gcg                   53


<210> 18

<211> 50

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe Xbra-J

<400> 18

gcacaggcca cctaaaatat agaatgataa agtgaccagg tgtcagttct                50


<210> 19

<211> 50

<212> DNA

<213> Artificial Sequence


<220>

<223> Description of Artificial Sequence: probe Xbra-K


<400> 19

atcactgcca cctaaaatat agaatgataa agtgaccagg tgtcagttct                50


<210> 20

<211> 50

<212> DNA

<213> Artificial Sequence


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<223> Description of Artificial Sequence: probe Xbra-L


<400> 20

atccagtaaa cctaaaatat agaatgataa agtgaccagg tgtcagttct                50


<210> 21

<211> 50

<212> DNA

<213> Artificial Sequence


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<223> Description of Artificial Sequence: probe Xbra-M


<400> 21

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<210> 22

<211> 50

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: probe Xbra-N

<400> 22

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<210> 23

<211> 50

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe Xbra-O

<400> 23

atccaggcca cctaaccgat agaatgataa agtgaccagg tgtcagttct                50

<210> 24

<211> 50

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: probe Xbra-P

<400> 24

atccaggcca cctaaaatcg cgaatgataa agtgaccagg tgtcagttct                50

<210> 25

<211> 50

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: probe Xbra-Q

<400> 25

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61

<210> 26
<211> 50
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: probe Xbra-R

<400> 26
atccaggcca cctaaaatat agaagtctaa agtgaccagg tgtcagttct                50


<210> 27
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-S

<400> 27
atccaggcca tctaaaatat agaatgataa agtgaccagg tgtcagttct                50


<210> 28
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-Z

<400> 28
atccaggcca cctaaaatat agaatgataa agtgactagg tgtcagttct                50


<210> 29
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-B

62

<400> 29

atccaggcca cctatataga atgataaagt gaccaggtgt cagttct                47

<210> 30
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-C

<400> 30

atccaggcca cctaaaatat agaatgatgt gaccaggtgt cagttct                47

<210> 31
<211> 40
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: probe Xbra-U

<400> 31

atccaggcca cctaaaatat agtgaccagg tgtcagttct                        40

<210> 32
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-EE

<400> 32

taaagtgacc aggtgtcagt tcttaaagtg accaggtgtc agttct                 46

<210> 33
<211> 46
<212> DNA
<213> Artificial Sequence

63

<220>

<223> Description of Artificial Sequence: probe Xbra-ErE

---

<400> 33

agaactgaca cctggtcact ttataaagtg accaggtgtc agttct                    46

<210> 34
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-FrF

<400> 34

atccaggcca cctaaaatat agaatattct atattttagg tggcctggat                50

<210> 35
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-V

<400> 35

atccaggcag gtgtaaatat agaatgataa agtgacccac ctacagttct                50

<210> 36
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-W

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<400> 36

atccaggcag gtgtaaatat agaatgataa agtgaccagg tgtcagttct                50

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<210> 37

64

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe alfa4I-WT (alfa-4-integrin)

<400> 37

gcagggcaca cctggattgc attagaatga gactcactac ccagttcagg tgtgttgcgt 60

<210> 38

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe alfa4I-A (alfa-4-integrin)

<400> 38

gcagggcaca cctggattgc attagaatga gactcactac ccagttcaga tgtgttgcgt 60

<210> 39

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe alfa4I-B
(alfa-4-integrin)

<400> 39

gcagggcaca tctggattgc attagaatga gactcactac ccagttcagg tgtgttgcgt 60

<210> 40

<211> 70

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe Ecad-WT

65

<400> 40

tggccggcag gtgaaccctc agccaatcag cggtacgggg ggcggtgctc cggggctcac 60

ctggctgcag                                                          70

<210> 41
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Ecad-A

<400> 41

tggccggcag gtgaaccctc agccaatcag cggtacgggg ggcggtgctc cggggctcat 60

ctggctgcag                                                          70

<210> 42
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Ecad-B

<400> 42

tggccggcag atgaaccctc agccaatcag cggtacgggg ggcggtgctc cggggctcac 60

ctggctgcag                                                          70

<210> 43
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR-primer

<400> 43

acaaaagaac tcagccaagt g                                             21

<210> 44
<211> 18

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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR-primer

<400> 44
ccgcaagctc acaggtgc                                          18


<210> 45
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer E-box1

<400> 45
gctgtggccg gcagatgaac cctcag                                 26


<210> 46
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer E-box1

<400> 46
ctgagggttc atctgccggc cacagc                                 26


<210> 47
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer
      E-box3


<400> 47
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67

gctccgggct catctggctg cagc                                          24


<210> 48
<211> 25
<212> DNA
<213> Artificial Sequence


<220>
<223> Description of Artificial Sequence: reverse primer E-box3


<400> 48
gctgcagcca gatgagcccc ggagc                                          25


<210> 49
<211> 27
<212> DNA
<213> Artificial Sequence


<220>
<223> Description of Artificial Sequence: degenerated primer


<400> 49
cttccagcag ccctacgayc argcnca                                        27


<210> 50
<211> 28
<212> DNA
<213> Artificial Sequence


<220>
<223> Description of Artificial Sequence: degenerated primer


<400> 50
gggtgtggga ccggatrtgc atyttnat                                       28